

ACCESSION NR: AT4033628

provide the correct answer to each question. The evaluation is made according to the relative number of correct answers by the student, with consideration of the time taken in replying. All the units of the machine are designed in two versions: the first uses telephone relays as logical elements; the second — semiconductors. Both types are described on the basis of block diagrams accompanying the text. Also described in the article is the "Repetitor" teaching machine, designed for foreign language instruction in the higher institutes of learning (the so-called "vuz") and in the lower-echelon schools. The answer is introduced into the machine by means of a keyboard arrangement. The authors discuss the difficulties created by this form of machine address in terms of the special features and peculiarities of foreign language teaching. Of the two types of programs (linear and ramified) which are commonly used for teaching machines, the "Repetitor" employs the ramified or "expanded" type. Sequential "blocks" of information are fed to the student, depending on the degree of accuracy with which he answers the questions contained in the preceding "blocks". Two operating conditions are possible: one in which the student sets for himself the rate or "tempo" of teaching; the other, in

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which this rate is established by the machine itself. Work is evaluated on the basis of a four-point scale ("excellent", "good", "satisfactory" and "poor") as a function of: 1) the number of errors made by the student in completing the exercises on a given subject theme; 2) the reaction time of the student; 3) the number of requests to the machine for "help" (this accomplished by depressing a special button marked "assistance" on the control panel of the machine, resulting in the supplying of either a leading question or of additional information). A block diagram of the "Repetitor" teaching machine is presented and the operation of the basic units of the device are analyzed, along with a discussion of the algorithm used. Noting that this machine is a partially self-adapting teaching device, the authors express the opinion that it would be expedient to construct a test model on the basis of the design described in the article, placing it into actual practice under academic conditions and then modifying and improving it. Orig. art. has: 13 figures.

ASSOCIATION: Moskovsky Energeticheskiy Institut (Moscow Power Institute)

Card 4/5

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Card 5/5

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Acc-Nr: APT6023995

SOURCE CODE: UR/0372/66/000/003/G039/G039

AUTHOR: Kushlev, Yu. N.; Lychkina, G. P.

32
B

TITLE: Student design bureau [Teaching machines and programmed teaching]

SOURCE: Ref. zh. Kibernetika, Abs. 3G287K

REF SOURCE: Studencheskoye konstruktorskoye byuro [Obuchayushchiye mashiny i programmirovannoye obuchenije]. Sb. 2. (Tr. Mosk. energ. in-ta, vyp. 58). M., 1965, 186 str.

TOPIC TAGS: programmed teaching, teaching machine, automatic control technology

ABSTRACT: A large part of this anthology is devoted to theoretical and experimental projects dealing with teaching machines and programmed teaching. Considerable attention is paid to the development of new principles of analog-discrete converters and to the design of automatic controllers. Several of the articles deal with theoretical and applied advantages of various devices of computer engineering. V. M. [Translation of abstract]

SUB CODE: 05, 09/

Card 1/1 egr

UDC: 62-506:658.386:681.142.2

KOVALENKO, K.N.; KUSHELEV, Yu.V.

Mobility of the thorium ion, Zhur. fiz. khim. 36 no.4:814-
815 Ap '62. (MIRA 15:6)

1. Rostovskiy universitet.
(Thorium) (Ions)

KISELEV, A.T.; KUSHELEVICH, A.B.

Boring prospect holes with a steel-shot hydraulic percussive instrument in rocks of great hardness. Izv. vys. ucheb. zav.; geol. i razv. 7 no.11:108-113 N '64. (MIRA 18:5)

1. Gosudarstvennyy geologicheskiy komitet.

KUSHELEVICH, B.R., inzh.

Most efficient load capacity of tower hoists. Nov.tekh.
mont.i spets.rab.v stroi. 21 no.12:15-17 D '59.
(MIRA 13:3)

(Hoisting machinery)

KUSKELEVICH, B.R., inzh.

Introducing industrial building methods in assembling spherical tanks.
Mont. i spets. rab. v stroi. 23 no.3:1-4 Mr '61. (MIRA 14:2)

1. Trest Naftezavodmontazh.
(Tanks)

KUSNEVICH, I.I. (Tiraspol?)

Experiment in the protection of the drive of ironing presses
against repeated running. Shvein.prom. no.477. 30.Aug.'64.

(MIRA 17.10)

KUSHELEVSKIY, B. P.

Infectious diseases of the joints.

2. dop. izd. Moskva, Gos. izd-vo med. lit-ry, 1945. 223 p.

Cyr. 4 RG114

DAFM

KUZHELEVSKI, G. P.

KUSHELEVSKI B. P. Notes on leptospirosis without jaundice Soviet Medicine, Moscow
1949, 4 (29)

Epidemics occur in villages, field mice being carriers, and the author proposes to call
the disease: 'water-field leptospirosis'. Epigastralgia is a characteristic symptom
and the liver is usually enlarged.

Van der Molen - Terwolde
(XX, 6, 4)

So: Medical Microbiology & Hygiene Section IV, Vol. 3, No. 7-12

Sverdlovsk Inst. of Physical Methods of Treatment,

KUZHELEVSKIY, B. P.

27930. KUZHELEVSKIY, B. P. -- Emfizema legkikh i bronkhial'naya astma posle vzryvnoy travmy. Trudy XIII vsesoyuz. S'yezda terapevtov. L., 1949, 3. 233-40.

SO: Letopis' Zhurnal'nykh Statey. Vol. 37, 1949.

Kushelievskiy, B.P.

KUSHLEVSKIY, B.P.

Russian anticoagulant dicumarin and its effect in coronary thrombosis and myocardiac infarct. Klin.med., Moskva 18 no.10:20-26 Oct 50.
(CLML 20:4)

1. Sverdlovsk.

234. Symptomatology and Diagnosis of Thrombosis of the Renal Artery. (К симптоматологии и диагностике тромбоза почечных артерий)

B. P. KUSHELEVSKY and S. S. BARATS. Клиническая Медицина [Klin. Med., Mosk.] 28, No. 6, 39-45, June, 1950. 2 figs., 11 refs.

The author reviews the literature on occlusion of the renal artery. His own work is based on a study of the condition in 13 men and 8 women, aged between 24 and 70 years, in 11 of whom the left renal artery was blocked, in 9 the right, and in 2 both. In the period during which the series was collected renal-artery occlusion (confirmed post mortem) caused as many deaths as coronary occlusion in the authors' Sverdlovsk clinic. Thrombosis and embolism result either from cardiac disease or from arteriosclerosis, with an intercurrent infection such as influenza as a common precipitating cause.

The patient's general condition is one of collapse with vomiting and subsequent pyrexia, as in coronary embolism. The local signs and symptoms are those of an "acute abdomen", with pain, reflex rigidity, and ileus. There is oliguria or, in the uncommon bilateral cases, anuria. While albumin and blood may be present in the urine, they will not be found if the affected kidney is secreting no urine at all. Frequently there is a sudden, severe rise in blood pressure, due to renal ischaemia. Hyperprothrombinaemia is present. In all cases a condition predisposing the patient to thrombosis or embolism can be found.

Jeffrey Bok

Abstracts of World Medicine

Vol 8 1950

KUSHEL'EVSKIY, E. P.

KUSHEL'EVSKIY, E. P.
(# 279)

Hypertensie na trauma capitis Hypertension following a head injury Terap. Arkh. 1951, 3 (3-15)

Various observations made during the war showed that hypertension often occurs during the subacute stage following cranial injury (the incidence varies from 5 to 63% of cases). In 9% of hypertensives (and in 16% of nonpatients), the history includes cranial injury (Istamanova). Clinical symptoms of a hypopituitar-diencephalic nature are characteristic: hyperhidrosis, subfebrile conditions, tachycardia (sometimes paroxysmal), cardialgia, vitiligo, early occurrence of trigeminalgia, diabetes insipidus, bulimia, cachexia and sometimes bronchial asthma. These symptoms are more predominant in hypertension 'post-concussion' than in essential hypertension. Irradiation of the diencephalon may be useful; e.g. it may alleviate the cardialgia. The injured cerebral parts are foci of cortical inhibition, as a result of which the 'tone' of the subcortical autonomic centre is increased in such a manner that signs of irritation of the autonomic nervous system occur (Miasnikov). When the individual is subject to special strain - i.e. when unusually strong stimuli from the periphery continuously reach the centres affected - hypertension occurs. This may take place some considerable time after injury.

Van der Kelen - Israelie (1, 3, 9)

SC: MACROPIA MEDICA Vol. 5 No. 7 Ser. VIII July 1952

KUSHNERSKY, B. P.: Rozenblat, F. Ya.

Thrombosis

Symptomatology and diagnosis of thrombosis of the pulmonary artery; Klin. med. 30 no. 1, 1952.

Monthly List of Russian Accessions, Library of Congress, May 1952. UNCLASSIFIED.

KUSHELEVSKIY, B.P.; YASAKOVA, O.I.; YEFIMOVA, G.M.

Therapy of myocardial infarct with dicumarin. Sovet med.
17 no.10:10-15 Oct 1953. (CML 25:5)

1. Professor for Kushelevskiy; Candidate Medical Sciences for
Yasakova. 2. Of the Faculty Therapeutic Clinic of Sverdlovsk
Medical Institute and Sverdlovsk First Municipal Clinical
Hospital.

KUSHELEVSKIY, B.P., professor; YASAKOVA, O.I., kandidat meditsinskikh
naук; YEFIMOVA, G.M.

Functional evaluation and prognosis of the capability for work in
patients with myocardial infarct. Report No.3. Sov. med. 18 no.12:
19-21 D '54.
(MLRA 8:2)

1. Iz fakul'tetskoy terapevticheskoy kliniki (zav.-prof. B.P.Kushelevskiy) Sverdlovskogo meditsinskogo instituta.
(MYOCARDIAL INFARCT, physiology
working capability in)
(WORK
capacity determ. in myocardial infarct)

KUSHELEVSKIY, B.P. professor; GORBUNOVA, Z.V.

Congenital stenosis of the aortic isthmus and its diagnosis.
Sovet.med. 19 no.5:28-36 My '55. (MLRA 8:8)

1. Iz fakul'tetskoy terapivticheskoy kliniki (zav.-prof. B.P.
Kushelevskiy) Sverdlovskogo meditsinskogo instituta.
(AORTA, stenosis
of isthmus, diag.)

KUSHELEVSKIY, B.P., professor.; BARATS, S.S., kandidat meditsinskikh nauk.

Possibilities of in vivo diagnosis of the syndrome of malignant hypertension with stenosing arteriosclerosis of the ostium of the renal arteries. Terap. arkh. 27 no.8:43-51 '55. (MLRA 9:5)

1. Iz fakul'tetskoy terapevticheskoy kliniki (zav.-prof. B.P. Kushelevskiy) Sverdlovskogo meditsinskogo instituta.

(HYPERTENSION, complications,
arteriosclerosis stenosing ostium of renal artery,
vital diag.)

(ARTERIOSCLEROSIS, complications,
stenosis of ostium of renal artery with malignant
hypertension, vital diag.)

(KIDNEYS, blood supply,
arteriosclerosis of ostium of renal artery with
malignant hypertension, vital diag.)

KUSHCHELEVSKIY, B.P., professor

"Endocarditis." S.A.Giliarevskii. Reviewed by B.P.Kushchelevskii.
Sov.med. 20 no.6:90-92 '56. (MIRA 9:9)
(ENDOCARDITIS) (GILIAREVSKII, S.A.)

KUSHELMVSKIY, B.P., professor (Sverdlovsk)

Methods in anticoagulant therapy. Klin. med. 34 no.1:21-29 Ja '56
(MIRA 9:5)

1. Iz Fakul'tetskoy terapevtycheskoy kliniki Sverdlovskogo
meditsinskogo instituta i Gorodskoy klinicheskoy bol'nitsy No.1
(ANTICOAGULANTS, ther. use)

KUSIELEVSKIY, B.P., professor (Sverdlovsk)

The role of closed trauma of the brain in the development of
hypertension. Klin. med., 34 no.2:83-87 F '56 (MLRA 9:6)

(BRAIN, wounds and inj.
closed inj., in etiol. of hypertension)
(HYPERTENSION, etiol. and pathogen.
closed brain inj.)

KUSHELEVSKIY, B.P., professor (Sverdlovsk)

Excessive dosage of dicumarol and management of clinical manifestations
and therapy of resulting hemorrhage. Klin.med. 34 no.3:74-75 Mr '56.
(MLRA 10:1)

1. Po povodu zametki A.G.Zemlyanogo "Simptomokompleks ostrogo zhivota
posle primeneniya dokumarina," naopechatannoy v zhurnale "Kliniche-
skaya meditsina," no.10 za 1955 g.

(COUMARIN, derivatives,
 bishydrocoumarin causing hemorrh. (Rus))
(HEMORRHAGE, etiology and pathogenesis,
 bishydroxycoumarin (Rus))

KUZHELEVSKIY, Boris Pavlovich

[Essays on anticoagulant therapy] Ocherki po antikoagulantnoi
terapii. Moskva, Medgiz, 1958. 169 p. (MIRA 13:8)
(ANTICOAGULANTS (MEDICINE))

KUSHELEVSKIY, B.P., prof.: PASYNKOVA, K.N., kand.med.nauk

"Problems in the pathogenesis, clinical aspects, and treatment
of rheumatic fever." Reviewed by B.P.Kushelevskii, K.N.Pasynkova.
Sov.med. 22 no.2:152-155 F '58. (MIRA 11:4)
(RHEUMATIC FEVER)

KUSHELEVSKIY, B.P., prof.; YASAKOVA, O.I., kand.med.nauk

Evaluation of the effectiveness of anticoagulant therapy in myocardial infarct. Terap. arkh. 30 no.3:3-10 Mr '58. (MIRA 11:4)

1. Iz fakul'tetskoy terapevticheskoy kliniki Sverdlovskogo med. instituta.

(ANTICOAGULANTS, therapeutic use,
myocardial infarct (Rus)
(MYOCARDIAL INFARCT, therapy,
anticoagulants (Rus)

KUSHELEVSKIY, B.P., SHMIDT, Ye.D. (Sverdlovsk)

Significance of thrombosis and embolism in general hospital mortality
and the preventive role of anticoagulants. Klin.med. 36 no.5:22-28
(MIRA 11:7)
My '58

1. Iz fakulteteskoy terapevcheskoy kliniki (zav. - prof. B.P.
Kuleshevskiy) Sverdlovskogo meditsinskogo instituta i patologoanatomicheskogo
otdeleniya (zav. A.N. Sobakina) Gorodskoy klinicheskoy bol'nitay No.1.

(THROMBOSIS, therapy,
anticoagulants, eff. on mortal. statist. (Rus))

(EMBOLISM, therapy,
same (Rus))

(ANTICOAGULANTS, therapeutic use
embolism & thrombosis, eff. on mortal. statist. (Rus))

KUSHELEVSKIY, B.P., prof., RENEVA, T.G., dots. (Sverdlovsk)

Vasovagal syndrome in the case of an accessory cervical rib.
Klin.med. 36 no.6:137-139 Je '58 (MIRA 11:7)

1. Iz fakul'tetskoy terapevticheskoy kliniki Sverdlovskogo meditsinsko-go instituta.

(SCALENUS ANICUS SYNDROME, case reports,
vaso-vagal synd. in cervical rib (Rus))

(RIBS, abnorm.

accessory cervical rib causing vasovagal synd. (Rus))

(SYNCOPE, etiol. & pathogen.

vasovagal synd. caused by accessory cervical rib (Rus))

(CARDIOVASCULAR DISEASES, etiol. & pathogen.

vaso-vagal synd. caused by accessory cervical rib (Rus))

KUSHELEVSKIY, B.P., prof.; GUROVA, A.M., kand.med.nauk (Sverdlovsk)

Angina pectoris in thyreotoxicosis. Klin.med. 37 no.6:71-76
Je '59. (MIRA 12:8)

1. Iz fakul'tetskoy terapevticheskoy kliniki (zav. - prof.
B.P.Kushelevskiy) Sverdlovskogo meditsinskogo instituta.
(HYPERTHYROIDISM, compl.
angina pectoris (Rus))
(ANGINA PECTORIS, compl.
hyperthyroidism (Rus))

KUSHELEVSKIY, B.P., prof., zasluzhennyy deyatel' nauki (Sverdlovsk)

Prevention of cardiac infarct. Zdorov'e 6 no.10:12-13 0 '60.
(MIRA 13:9)
(HEART--INFARCTION)

KUSHELEVSKIY, B.P.; KAZAK, T.I.

Spontaneous closure of ductus arteriosus and defect of the inter-
ventricular septum in a patient 69 years of age. Klin.med. 38
no.6:136-139 Je '60. (MIRA 13812)
(HEART—ABNORMALITIES AND DEFORMITIES)

KUSHELEVSKIY, B.P., zasluzhenny deyatel' nauki, prof. (Sverdlovsk)

Significance of closed injuries of the brain in the pathogenesis
of certain cardiovascular diseases. Klin.med. 38 no.8:74-80 Ag
'60. (MIRA 13:11)
(BRAIN—WOUNDS AND INJURIES) (CARDIOVASCULAR SYSTEM—DISEASES)

KUSHELEVSKIY, Boris Pavlovich; YASINOVSKIY, Mikhail Aleksandrovich;
RYSS, Somon Mikhaylovich; MYASNIKOV, A.L., prof., red.; SHTUTSER,
N.V., red.; MAKSHAK, M.S., red.; BUL'DYAYEV, N.A., tekhn. red.

[Diseases of the joints. Rheumatism. Avitaminoses]Bolezni sustavov. Revmatizm. Avitaminozy. Moskva, Medgiz, 1961. 398 p.
(MIRA 15:10)

1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for
Myasnikov).

(JOINTS—DISEASES) (RHEUMATISM) (DEFICIENCY DISEASES)

KUSHNELEVSKIY, B.P.; KOKOSOV, A.N.

Clinical studies on the effect of iprazid in stenocardia;
preliminary report. Kardiologija 1 no. 5846-54 '61

(MIRA 1784)

KUSHELEVSKIY, B.P., zasluzhenny deyatel' nauki, prof.

Significance of using anticoagulants to control mortality from
cardiovascular diseases. Biul. Uch. med. sov. 2 no.3:10-13 My-Je
'61. (MIRA 14:10)

(ANTICOAGULANTS (MEDICINE))
(CARDIOVASCULAR SYSTEM—DISEASES)

KUSHELEVSKIY, B. P.

" Contribution to the Effect of Anticoagulants in
Animal Experiments and Clinical Practice."

paper presented at the Second Hungarian Conference on Therapy
and Pharmacological Research, Budapest, Hungary, 2-7 Oct 62

Medical Department, Sverdlovsk

KUSHELEVSKIY, B.P.; ROZENBLAT, F.Ya.; VALEYKO, N.K.; KOKOSOV, A.N.
(Sverdlovsk)

Reserpine-anticoagulant treatment of hypertension concomitant
with stenocardia. Klin.med. no.3:95-100 :62. (MIRA 15:3)

I. Iz fakul'tetskoy terapevicheskoy kliniki (zav. - zasluzhennyj
deyatel' nauki prof. P.P. Kushalevskiy) Sverdlovskogo
instituta.

(HYPERTENSION) (ANGINA PECTORIS) (RESERPINE)
(ANTICOAGULANTS (MEDICINE))

KUSHELEVSKIY, B.P., zasluzhennyy deyatel' nauki, prof. (Sverdlovsk)

Pathogenesis of nephritis with nephrotic syndrome. Terap.arkh.
no.7:101-102 Jl '62. (MIRA 15:8)
(KIDNEYS--DISEASES)

KUSHELEVSKIY, B.P., zasluzhennyj deyatel' nauki, prof. (Sverdlovsk)

Medical prevention of rheumatism and its problems. Sov.med.
26 no.11:21-29 N°62 (MIRA 17:3)

KUSHELEVSKIY, B.P., zasluzhennyj deyatel' nauki, prof.; PASYUKOVA, K.N.,
kand.med. nauk (Sverdlovsk)

Botkin's cholecysto-coronary syndrome. Klin. med. 41 no.7:
9-12 Jl '63 (MIRA 16:12)

1. Iz kliniki fakul'tetskoy terapii Sverdlovskogo gosudarstvenno-gosudarstvennogo mediteinskogo instituta.

KUSHELEVSKIY, B.P., prof. (Sverdlovsk)

Is it correct to refer to nonspecific infectious arthritis
in the plural? Ter. arkh. 35 no.4:123-125 Ap'63 (MIRA 17:1)

KUSHELEVSKIY, B.P., prof.; KHEYNONEN, I.M., kand. med. nauk; FLALKO, V.A.

Study on the effectiveness of the use of fibrinolysis in myocardial infarcts. Sov. med. 28 no.5:55-58 My '65. (MIRA 18:5)

1. Kafedra fakul'tetskoy terapii Sverdlovskogo meditsinskogo instituta i Sverdlovskaya gorodskaya stantsiya skoroy pomoshchi (glavnnyy vrach V.F.Kapinos, nauchnyy rukovoditel' spetsializirovannoy kardiologicheskoy sluzhby - prof. B.P.Kushelevskiy).

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KUZHELEVSKIY, B.P., prof.; TISLIS, D.M., prof. (Sverdlovsk)

Pulmonary heart syndrome or cor pulmonale? Sov. med. z? no.6:
141-146 Je '64.
(MIA 18:1)

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000927820013-9"

KUSHELEVSKIY, B.P., prof.; YASTREBOVA, I.P.

Resistance to anticoagulants in the light of neurohumoral regulation of the coagulation and anticoagulation system of the blood. Kardiologiya 5 no.1:49-54 Ja-F '65.

(MIRA 18:9)

1. Fakul'tetskaya terapeuticheskaya klinika (zav.- prof. B.P. Kuchelevskiy) Sverdlovskogo meditsinskogo instituta.

KUSCHELEVSKIY, V.G.; FROLIOVA, G.F.; SHUBA, I.S.

Possibility of using unprotected explosives in gas pits unsafe
for methane. Sbor. nauch. trud. UkrNIIISol' no.7:90-91 '91
(MIRA 18:1)

KOBELEV, N.I.; KUSHEL'MAN, V.S.; ROZENFEL'D, S.Ye.

Present state of the manufacture of electric motor rotors and
stators. Lit. proizv. no.6:39-43 Je '64.

(MIRA 18:5)

KUSHEL'NIKOV, I.I., redaktor; ALEKSEYEV, A.N., redaktor; FLAUM, M.Ya.,
~~redaktor.~~

[Instructions on the classification and construction of steel
marine ships] Pravila klassifikatsii i postroiki morskikh
stalnykh sudov. Moskva, Morskoi transport, 1952. 368 p.

(MLRA 7:3)

1. Russia (1923- U.S.S.R.) Ministerstvo morskogo flota.
(Shipbuilding)

ARAKELOV, V.M., redaktor; ALEKSEYEV, A.N., redaktor; KUSHEL'NIKOV, I.I.,
redaktor; KOTLYAKOVA, O.I., tekhnicheskiy redaktor

[Regulations governing the classification and construction of steel
oceangoing vessels] Pravila klassifikatsii i postroiki morskikh
stal'nykh sudov, Leningrad, Izd-vo "Morskoi transport," 1956. 509 p.
(MIRA 9:12)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye morskogo
registra.
(Ships, Iron and steel)

KUSHENSKIY, K.S., gornyy inzhener.

The use of turbocompressors in mining; from foreign publications.
Ger. zhur. no. 12: 34-40 D '55. (MLRA 9:4)
(Air compressors) (Mining machinery)

KUSHENSKIY, K.S., gornyy inzhener.

Extracting iron ore in the Kiruna mines; from data in foreign
journals. Gor. zhur. no.6:23-30 Je '56. (MIRA 9:8)
(Kiruna, Sweden--Iron mines and mining)

KUSHENSKIY, K.S.

Iron mining in the German Federal Republic. Biul. TSNIICHM no.22:
1-12 '57. (MIRA 11:5)
(Germany, West—Iron mines and mining)

KUSHENSKIY, K.S., referent.

Cableways used in storing ores. Biul. TSNIICHEM no.22:56-57 '57.
(Cableways) (Iron mines and mining) (MIRA 11:5)

KUSHENSKIY, K.S., referent

Block ore transportation by scraper-conveyer (from K.S. Kushenskii.
Biul. TSNIICHM no.23:46-47 '57. (MIRA 11:2)
(Germany, West--Ore handling)
(Conveying machinery)

KUSHENSKIY

Kushenskiy, K.S., Mining Engineer

127-50-1-13/28

AUTHOR: Kushenskiy, K.S., Mining Engineer

TITLE: Rail-Less Transport in Underground Mines (Bezrel'-sovyy transport na podzemnykh rudnikakh). According to Data From Foreign Literature (Po dumnym inostrannoy literatury)

PERIODICAL: Gornyy Zhurnal, 1958, Nr 1, pp 44-51 (USSR)

ABSTRACT: The article represents a review of foreign magazines in the field of mining transport. The reviewer's conclusion is that the experience of mines in the USA, Canada, England, France and other countries shows that the application of rail-less transport and other self-propelled equipment (drilling and loading machines, etc) makes it possible to increase ore output and labor efficiency considerably, and to reduce the cost of operations. The article contains 6 figures, 5 photos, and 21 references, of which 1 is Soviet, 3 German and 17 English.

AVAILABLE: Library of Congress

Card 1/1 1. Mining engineering-USSR 2. Transportation-Underground mines
 3. Literature-Transportation

KUSHENSKIY, K.S., referent.

Conveying refuse dump in open pit mining. Biul. TSNIICHM no.2:
52-55 '58. (MIRA 11:5)
(Germany, East--Mining engineering)

KUSHENSKIY, K.S., inzh.

Iron mining in England. Biul. TSMIICHM no. 5:1-15 '58. (MIRA 11:5)
(Great Britain--Iron mines and mining)

KUSHENSKIY, K.S., inzh., laureat Stalinskoy premii; VERIGO, K.N., inzh.;
ROSSMIT, A.F., inzh.; GOKHMAN, Ye.V., kand.ekon.nauk; AERAMOV, V.S.,
kand.tekhn.nauk; SOSEDOV, O.O., otv.red.; PARTSEVSKIY, V.N., otv.
red.; NURMUKHAMMEDOVA, V.F., red.izd-va; BOLDYREVA, Z.A., tekhn.red.

[Ferrous metallurgy in capitalist countries] Chernsia metallurgiia
kapitalisticheskikh stran. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry
po gornomu delu. Pt.7. [Iron ore mining and the dressing of ores]
Zhelezorudnaisa promyshlennost' i obogashchenie rud. 1960. 999 p.
(MIRA 13:9)

1. Moscow. TSentral'nyy institut informatsii chernoy metallurgii.
(Iron mines and mining) (Ore dressing)

KUSHER, Kh.F; AL'PEROVICH, Kh.B.

Genetic variety of animals with identical pedigree. Dokl. AN SSSR
60 no.5:891-894 My '48. (MLRA 10:8)

1. Institut genetiki Akademii nauk SSSR. Predstavлено академиком
I.I. Shmal'gauzenom.
(Poultry breeding)

ACC NR: AP7005647

SOURCE CODE: UR/0413/67/000/002/0094/0094

INVENTOR: Kusherbayev, N. I.; Zhil'nikov, V. D.; Cubanov, L. A.

ORG: None

TITLE: A gravimetric correction meter. Class 42, No. 190597 [announced by the Kazakh Affiliate of the All-Union Scientific Research Institute of Exploratory Geophysics (Kazakhskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta razvedochnoy geofiziki)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 2, 1967, 94-95

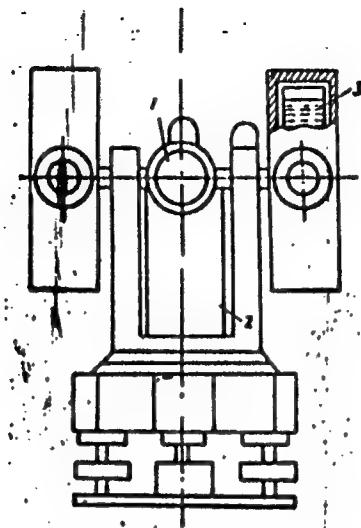
TOPIC TAGS: gravimeter, error correction

ABSTRACT: This Author's Certificate introduces a gravimetric correction meter based on Author's Certificate No. 167047. The instrument is designed for a wider distance measurement range, measurement of corrections during operation with gravitational variometers and gradiometers and also for increased productivity. The unit contains a range finder, a device for automatic summation of the quantities measured and correction scales in gravitational force derivative units.

Card 1/2

UDC: 550.831

ACC NR: AP7005647



1--range finder; 2--automatic summation unit; 3--scales

SUB CODE: 08/ SUBM DATE: 29Jan66

Card 2/2

L 13643-66 EWT(1)

GW

ACC NR: AT6004105

SOURCE CODE: UR/3152/65/000/008/0114/0118

AUTHOR: Kusherbayev, N. I.

ORG: none

TITLE: A gravitational "slope meter"

SOURCE: Razvedochnaya geofizika, no. 8, 1965, 114-118

TOPIC TAGS: gravimetric instrument, gravimetric survey, gravity slope meter

ABSTRACT: A gravity "slope meter" ("eklimetr") has been developed which permits the determination of corrections to the vertical component of local values of gravity, acceleration within a radius of 50 m of a station when large-scale topographic maps are unavailable. This instrument is described as being more useful than the levels generally in use because measurements are read directly in milligals and can be made on any slope even when it is too steep for using levels; survey personnel can be reduced, and heavy leveling rods can be replaced by light stakes. The instrument (see Fig. 1) has the following components: 1 - A tribrach for horizontalizing the instrument and attaching it to a tripod; 2 - a graduated circle with an alidade for azimuthal orientations for eight principal directions; the alidade has a reticle; 3 - columns supporting the axis of the telescope, the drum casing, and the pendulum drum with its plumb bob; 4 - a telescope used to point the instrument on the stake marks and connected rigidly to the drum casing; 5 - a pendulum drum with correction

Card 1/3

L 13643-66

ACC NR: AT6004105

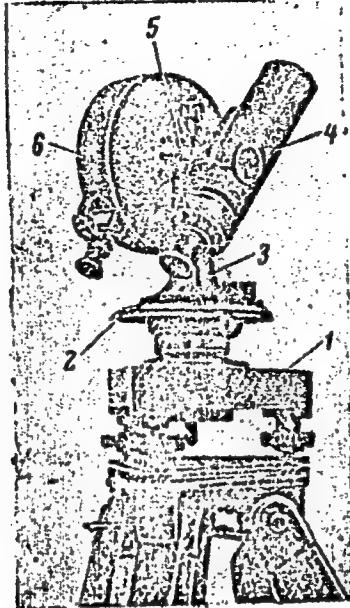


Fig. 1.

Gravitational "slope meter"

scales for local relief; and 6 - the drum casing with a reading device designed for taking readings from the pendulum drum. When the telescope is pointed on the stake

Card 2/3

L 13643-66

ACC NR: AT6004105

(its height equal to the height of the instrument), the drum casing, along with its reading device, rotates with the telescope. The drum and its scales remain in the same position because of the plumb bob. Consequently, the drum casing graduation is above the corresponding value of the correction for the relief effect for different slope angles. The drum has 4 scales for the first 4 zones (0-2 m, 2-10 m, 10-20 m, and 20-50 m). The scale divisions are in 0.001 mgl intervals. The experimental model has scales divided for corrections for slope angles up to 5° . The diameter of the drum and the graduated circle is 100 mm, the diameter of the alidade is 95 mm, the value of scale divisions of the level is 6', the accuracy of slope measurement is 9', the accuracy of measurements of corrections in one direction is 0.001 mgl, and the weight of the instrument is 3 kg. Instructions are given for checking, the alignment and adjustment of the instrument. Field tests indicated that an 8-ray pattern with 4 zones ensured corrections with an accuracy of 0.01 mgl even in complex relief, satisfying requirements for high-precision gravimetric surveys. Orig. art. has: 4 figures and 1 table.

[ER]

SUB CODE: 08/ SUBM DATE: none/ ORIG REF: 002/ ATD PRESS: 4/86

Card 3/3 *gc*

KUSHERBAYEV, Sh.

6946. LUSHERBAYEV, Sh. Tuberkulez i mery yego profilaktiki. Alma-Ata,
Kazgosizdat, 1954. 39s. s ill. 20 sm. (Nagch.-popul. med, literatura).
20.000 ekz. 55 k. -Na kazakh. yaz. 155-2404 616.995

Knizhnaya Letopis' No. 6, 1955

KUSHEREV, M. Ya.

PA 192T19

USSR/Chemistry - Catalysts

Jul/Aug 51

"Catalytic Activity and Structure of Active Zinc Oxide. Communication III. Effect of Method of Preparation of Zinc Oxide Catalysts on Their X-Ray Structure," A. B. Shekhter, M. Ya. Kusherev, Yu. Sh. Moshkovskiy, Inst. of Phys. Chem., Acad. Sci USSR

"Iz Ak Nauk SSSR, Otdel Khim Nauk" No 4,
pp 388-394

X-ray investigation of ZnO specimens K (prep'd by topochem decompn of ZnCO₃ in vacuum at 350°C) and D (prep'd by oxidation of Zn vapors at high temp in elec arc) revealed that K had higher deg
192T19

USSR/Chemistry - Catalysts (Contd) Jul/Aug 51

of dispersion, less perfect lattice. D was thermally stable up to 1,000°; heating of K caused crystallites to enlarge and lattice to approach ideal. K heated to 700° had same X-ray structure as D.

192T19

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000927820013-9

KUZNEV, G. L.

The Kuzbass Coal Basin, Gos. i z v o z o l . lit-rv, 1981. 109 p.

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000927820013-9"

BYKOVA, M.S.; KUSHEV, G.L.; MEDOYEV, G.Ts.; SHLYGIN, Ye.D.; PETRENKO, A.A.;
RITENBERG, M.I.

Concerning A.A.Petrenko and M. I.Ritenberg's article "Conditions of the forma-
tion and the age of carboniferous deposits of the Karaganda series in the
Karaganda Basin." Izv. AN SSSR. Ser.geol. no.4:125-131 Jl-Ag '53.

(MLRA 6:8)

(Karaganda Basin--Geology) (Geology--Karaganda Basin)
(Petrenko, A.A.) (Ritenberg, M. I.)

KUSHEV, G.L.

Some new data on the geology of coal-bearing strata of central Kazakhstan.
Trudy Lab.geol.ugl.no.2:63-75 '54. (MLRA 8:7)
(Kazakhstan--Coal geology)

Kushev G. L.

15-57-2-1261

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 2,
p 8 (USSR)

AUTHOR: Kushev, G. L.

TITLE: The Age and Position of Coal-Bearing Strata in Central
Kazakhstan (O vozraste i parallelizatsii uglenosnykh
tolshch Tsentral'nogo Kazakhstana)

PERIODICAL: Sb. nauch. tr. Kazakhsk. gorno-metallurg. in-ta, 1954,
Nr 9, pp 65-108

ABSTRACT: Bibliographic entry

Card 1/1

LYUBER, Aglaida Andreyevna; KUSHIN, G.L., redaktor; GLAZYRINA, D., redaktor;
OSADCHIY, P., redaktor; RGRUKINA, Z., tekhnicheskiy redaktor

[Spore and pollen atlas of Paleozoic deposits in Kazakhstan] Atlas
spor i pyl'tay paleozoiskikh otlozhenii Kazakhstana. Alma-Ata, Izd-
vo Akademii nauk Kazakhskoi SSR, 1955. 125 p. (MIRA 9:3)
(Kazakhstan--Paleobotany)

RADCHENKO, Margarita Iosifovna; KUSHEV, G.L., otvetstvennyy redaktor;
ALEKSANDRIYSKIY, V.V., redaktor; ALPEROVA, P.P., tekhnicheskiy
redaktor

[Flora of Dolina and Tentek formations in the Karaganda Basin]
Flora dolinskoi i tentekskoi svit Karagandinskogo basseina. Alma-
Ata, Izd-vo Akademii nauk Kazakhskoi SSR, 1956. 40 p. (MLRA 9:12)

1. Chlen-korrespondent AN KazSSR (for Kushev)
(Karaganda Basin--Paleobotany)

15-57-4-5080

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 4,
p 145 (USSR)

AUTHOR: Kushev, G. L.

TITLE: Coal-Bearing Series of Central Kazakhstan (Osnovnyye
cherty uglenosnosti Tsentral'nogo Kazakhstana)

PERIODICAL: Tr. Labor. geol. uglya AN SSSR, 1956, Nr 6, pp 473-
477

ABSTRACT: Presently known coal-bearing series of Central Kazakhstan are described briefly. These are of various ages: pre-Devonian, upper Tournaisian (the Akkuduk series); upper Tournaisian-lower Visean (Ashlyarikskaya series), middle and upper Visean (Karaganda series), lower Namurian (series lying above the Karaganda series), upper Namurian (Dolina series), Upper Paleozoic (Irtysh region and Kolbinskiy series), Lower Mesozoic (Karaganda, trans-Ura region),

Card 1/2

A U S H A R O V , G. L.
RUDAKOV, K.P.; BORUKAYEV, R.A.; RUDAKOV, G.L.

The oldest geological institution of our country. Vest. AN
Kazakh.SSR 13 no.5: 113 My '57. (MLRA 10:9)
(Geology)

SATPAYEV, K.I.; BORUKAYEV, R.A.; AKHMEDSAFIN, U.M.; BOK, I.I.; KUSHLEV, G.L.; SERGIYEV, N.G.; SHLYGIN, Ye.D.; SHCHERBA, G.E.; MONICH, V.K.; LOMONOVICH, I.I.; LAVROV, V.V.; MEDOYEV, G.TS.; NOVOKHATSKIY, I.P.; BARBOT-DE-MARNI, A.V.; GALITSKIY, V.V.; KOLOTILIN, N.F.; ZHILINSKIY, G.B.; KAYUPOV, A.K.; KAZANLI, D.H.; SATPAYEVA, T.A.; ABDULKABIROVA, M.A.; GAZIZOVA, K.S.; VYBITS, B.I.; KHAYRUTDINOV, D.Kh.; MUKHAMEDZHANOV, S.M.; CHOLPANKULOV, T.Ch.; PARSHIN, A.V.; TAZHIBAYEV, P.T.; YANULIOVA, M.K.; BYKOVA, M.S.; VOLKOV, A.N.; BOLOGOV, G.N.; MITRYAYEVA, N.M.; CHOKABAYEV, S.Ye.; KUNAYEV, D.S.; YARINSKAYA, M.A.; REBROVA, T.I.

Tireless explorer of the depths of the earth's crust; on the 65th
birthday and 40th anniversary of the scientific engineering ac-
tivities of Academician M.P. Rusakov. Vest. AN Kazakh. SSR 13
no.12:96-97 D '57. (MIRA 11:1)

(Rusakov, Mikhail Petrovich, 1892-)

SATPAYEV, K.I.; POLOSKHIN, A.P.; BAISHEV, S.B.; CHOKIN, Sh.Ch.; BORUKAYEV, R.A.; AKHMEIDSAFIN, U.M.; KUSHEV, G.L.; SHCHERBA, G.N.; MONICH, V.K.; MEDOYEV, G.TS.; LAVROV, V.V.; BARBOT-DE-MARMI, A.V.; GALITSKIY, V.V.; ZHILINSKIY, G.B.; KAYUPOV, A.K.; KAZANLI, D.N.; KOLOTILIN, N.P.; MUKHAMEDZHANOV, S.M.; SATPAYEVA, T.A.; VEYTS, B.I.; GAZIZOVA, K.S.; CHOLPAIKULOV, T.Ch.; PARSHIN, A.V.; BYKOVA, M.S.; MITRYAYEVA, N.M.; VOLKOV, A.N.; CHAKABAYEV, S.Ye.; YARENNSKAYA, M.A.; KHAYRUTDINOV, D.Kh.

On the 60th anniversary of the birth of I.I. Bok, Academician of the Academy of the Kazakh S.S.R. Vest. AN Kazakh.SSR 14 no.10:95-96
0 '58. (MIRA 11:12)

(Bok, Ivan Ivanovich, 1898-)

BANDALETOV, S.M.; BESPALOV, V.F.; BOGATYREV, A.S.; BOK, I.I.; GALITSKIY,
V.V.; ZHILINSKIY, G.B.; IVSHIN, N.K.; KAZANLI, D.W.; KAYUPOV,
A.K.; KONEV, A.K.; KUSHEV, G.L.; LYAPICHEV, G.P.; MEDOYEV, G.TS.;
MONICH, V.K.; MYAGKOV, V.M.; NIKITIN, I.P.; NOVOKHATSKIY, I.P.;
SATPAYEV, K.I.; SHLYQIN, Ye.D.; SHCHERBA, G.N.

Eminent geologist of Kazakhstan. Vest. AN Kazakh.SSR 15 no.1:
94-95 Ja '59. (MIRA 12:1)
(Borukayev, Ramazan Aslanbekovich, 1899-)

AVROV, P.Ya.; AYDALIYEV, Zh. A.; AUEZOV, M.O.; AKHMIKDSAFIN, U.M.; BATISHCHEV-TARASOV, S.D.; BAZANOVA, N.U.; BAISHEV, G.B.; BAYKOKUROV, A.J.; BAKTUROV, A.B.; BOGATYREV, A.S.; BOK, I.I.; BORUKAYEV, R.A.; BULGIMANOV, N.L.; BYKOVA, N.S.; ZHILINSKIY, G.R.; ZYKOV, D.A.; IVANKIN, F.F.; KAZANLI, D.V.; KAYUPOV, A.K.; KENESBAYEV, S.K.; KOLOTILIN, N.F.; KUNAYEV, D.A.; KUSHEV, G.L.; L.V. T., V.V.; MASHANOV, O.Zh.; MEDOYEV, G.Ts.; MOHIGH, V.K.; MUKANOV, S.; MUSREPOV, G.; MUKHAMEDZHANOV, S.M.; PARSHIN, A.V.; POYROVSKIY, S.N.; POLOSUKHIN, A.P.; RUSAKOV, M.P.; SERGIYEV, N.G.; SHYFULLIN, S.Sh.; TAZHIBAYEV, P.T.; FESENKOVS, V.G.; SHLYGIN, Ye.D.; SHCHERBA, G.N.; CHOKIN, Sh.Ch.; CHOLPANKULOV, T.Ch.

Sixtieth birthday of Academician Kanysh Imantaevich Satpaev. Vest.
AN Kazakh. SSR 15 no.4:58-61 Ap '59. (MIRA 12:7)
(Satpaev, Kanysh Imantaevich, 1890-)

SATPAYEV, K.I., glav. red.; KUSHEV, G.L., zam. glav. red.; MATVEYEV,
A.K., red.; CHARYGIN, M.M., red.; NESTEROVA, I.I., red.;
ALFEROVA, P.F., tekhn. red.

[Coal geology; a collection dedicated to the memory of the
Aleksandr Aleksandrovich Gapeev] Voprosy geologii uglia; sbornik,
posviashchenyyi pamiati geologa Aleksandra Aleksandrovicha
Gapeeva. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR,
1962. 173 p. (MIRA 15:10)

1. Akademiya nauk Kazakhskoy SSR, Alma-Ata. Institut geologicheskikh nauk.

(Coal geology)

KUSHEV, Georgiy Leont'yevich; BYKOVA, M.S., zasl. deyatel' nauki
Kazakhskoy SSR, doktor geol.-miner. nauk, otv. red.;
RZHONDKOVSKAYA, L.S., red.; ALFEROVA, P.F., tekhn. red.

[Karaganda coal basin] Karagandinskii uglenosnyi bassein.
Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1963. 343 p.
(MIRA 16:5)

(Karaganda Besin--Coal geology)

SAMSONOV, Maksim Timofeyevich; KUSHEV, L.G., otvetstvennyy redaktor; KHOMENKO,
A.K., redaktor; VELICHKO, G.N., tekhnicheskiy redaktor.

[Geological prospecting in the Karaganda Coal Basin] Iz opyta geolo-
gorazvedochnykh rabot v Karagandinskem ugol'nom basseine. Alma-Ata,
Izd-vo Akad.nauk Kazakhskoi SSR, 1957. 93 p. (MLRA 10:4)

1. Chlen-korrespondent Akademii nauk Kazakhskoy SSR (for Kushev).
(Karaganda Basin--Prospecting)

KUSHEV, S. L.

OSU-A 336

Geomorfologiya Doliny Nizhnyago Techeniya N.
Tunguski: Geomorphology of the Valley of the
Lower Course of the Nizhnyaya Tunguska.
Trudy Geomorfologicheskogo Instituta, No. 11,
1934, pp. 1-61.
Library of Congress, GB236-A-4
Abstract in French. Bibliography: 49 reference
Detailed investigation. Table of barometric
altitudes of 29 points on the river.



KUSHEV, S. L. & LIVEROVSKIY, Yu. A.

Geomorphological notes on the Central Kanchatka depression.
Trudy Lust Geogr. #32, 1940

SO: Trudy Arkticheskogo Nauchno-Issledovatel'skogo
Instituta, GUSiP, Council of Ministers, Vol. 201,
1948

KUSHEV, S.L.

Geomorphological research in the Central Caucasus. Trudy Inst.
geog. 51:125-206 '52. (MLRA 7:11)

(Caucasus-- Geology, Structural) (Geology, Structural--
Caucasus)

KUSHEV, S.L.; OLYUNIN, V.N.; RANTS MAN, Ye.Ya.; FEDOROVICH, B.A.

"Problems of the geography of Kazakhstan," no.1, 1956. Reviewed
by S.L. Kushev, V.N. Oliunin, N.IA. Rantsman, B.A. Fedorovich.
Izv.AN SSSR.Ser.geog. no.3:145-148 My-Je '56. (MLRA 9:11)
(Kazakhstan--Geography--Periodicals)

FEDOROVICH, B.A., prof., doktor geograf.nauk, otv.red.; ZYKOV, D.A., akademik, agronom-rasteniyevod, red.; IVANOVA, Ye.N., prof., doktor sel'skokhoz.nauk, red.; KALIMINA, A.V., kand.biolog.nauk, red.; LAVRENKO, Ye.M., red.; KUSHEV, S.L., kand.geogra.nauk, red.. Prinimali uchastiye: YEROKHINA, A.A., pochvoved; IVANOVA, Ye.N., pochvoved; ROZOV, N.N., pochvoved; ZATENATSKAYA, N.P., gidrogeolog; KARPEKINA, L.S., red.izd-va; SMIRNOVA, A.V., tekhn.red.

[Division of northern Kazakhstan into natural regions; Kustanay Province, North Kazakhstan Province, Kokchetav Province, Akmolinsk Province, and Pavlodar Province] Prirodnoe raionirovanie Severnogo Kazakhstana; Kustanskaiskaia, Severo-Kazakhstanskaiskaia, Kokchetavskaiskaia, Akmolinskaiskaia i Pavlodarskaiskaia oblasti. Moskva, 1960. 468 p.

(MIRA 13:7)

1. Akademiya nauk SSSR. Sovet po izucheniyu proizvoditel'nykh sil.
2. Institut geografii AN SSSR (for Fedorovich). 3. AN Kazakhskoy SSR; Sovet po izucheniyu proizvoditel'nykh sil (SOPS) AN Kazakhskoy SSR (for Zykov). 4. Chlen-korrespondent AN SSSR (for Lavrenko).
5. Pochvennyy institut im. V.V.Dokuchayeva AN SSSR (for Yerokhina, Ivanova, Rozov). 6. Sovet po izucheniyu proizvoditel'nykh sil AN SSSR (for Zatenatskaya).

(Kazakhstan--Physical geography)

~~KUSHEV, S. L.~~

Synchronization of phasic and microphasic finite moraines of the
last phase of glacier retreat in the Caucasus. Trudy Kom.chetv.
per. 19:181-193 '62. (MIRA 16:1)

(Caucasus--Moraines)

Pharmacology and Toxicology

BULGARIA

PETKOV, V., KUSHEV, V.: Chair of Pharmacology (Head Prof. V. Petkov), ISUL

"Effect of Pharmacological Agents on the Elimination of ^{198}Au "

Sofia, Eksperimentalna Meditsina i Morfologiya, Vol 5, No. 3, 1966, pp 160-165

Abstract: The effects of EDTA, dithiopropanol, sodium ethylxanthogenate, hydrochlorothiazide (a saluretic for peroral administration), and the sodium salt of dehydrocholic acid (decholin) on the elimination of ^{198}Au were studied in mice in which this radioisotope had been injected intraperitoneally. The decrease in the total γ -activity caused by injection of ^{198}Au was measured. It was established that EDTA, dithiopropanol, and decholin increased the elimination of the radioisotope, while hydrochlorothiazide and sodium ethylxanthogenate had no effect. It was found in experiments on rats that EDTA and dithiopropanol promoted accumulation of ^{198}Au in the spleen, hydrochlorothiazide accelerated accumulation of ^{198}Au in the liver, and EDTA lowered the content of ^{198}Au in the kidneys. It was established in former work by the authors that the effect of garlic in facilitating elimination of ^{198}Au was also associated with increased accumulation of this radioisotope in the spleen. The results indicated that the effect of substances in eliminating radioisotopes may be rendered valueless by selective accumulation of the radioisotopes in some organs under the influence of these substances. Tables, 2 references (both Bulgarian), Russian and English summaries.

Manuscript received Feb 66.

1/1

KUSHEV V.

(27)

(25)

1. "The Foundation of the First Medical Care Society in Bulgaria is USSR; A. KOTVA, S. IMAYEV, and P. BOYARINOV, Head of International Projects, All-Union Institute, Sofia; pp 1-6.
2. "Morphine," D. MINTON; pp 8-9.
3. "The Application of Patterns of Intoxication in Protecting M. PERVAR, R. GURKOV, and V. TIKHONOV, Institute of Criminology, Bulgarian Academy of Sciences, and V. TIKHONOV, Head of Department, ISU, not identified; pp 1-15.
4. concerning the Quantitative Specification of: cocaine and psychotropic, A. VELKA and A. KULISHEVA; pp 16-19.
5. "The Chemistry and Analytical Properties of Hydrocarbons," V. KONOVALOV, Institute of Petroleum Research, Institute; pp 21-26.
6. "The Potentiometric Titration of the Hydrates of Two Derivatives of Tin(IV) Chloride with Sodium Nitrate," N. S. KAL'IN (see preceding article); pp 27-32.
7. "The Production of Glyceraldehyde-Polymer," L. VASIL'YEV, O. MEDVEDEV, and M. KERZNER, SSSR; pp 33-35.
8. "Concerning the Development, Construction, and Chemical Composition of the Radioactive Thermopile, Carbonyl Oxide Gas Generator, V. E. KERZNER and D. B. SENEV; pp 36-39.

— 1/1 —

BULG RIA

R. OVCHAROV and V. KUSHEV, Department of Pharmacology of Postgraduate Medical Institute (Katedra po farmakologiya pri ISUL) Head (Rukovoditel na katedrata) Prof V. PETKOV, [Sofia.]

"Effect of Cholinergic Substances on Thyroid Radioiodine Deposition."

Sofia, Eksperimentalna Meditsina i Morfologiya, Vol 2, No 2, Apr-Jun 1963; pp 31-36.

Abstract [English summary modified]: Acetylcholine 50, physostigmine 0.1 or 0.5, nicotine 2 or atropine 10 mg./Kg. were given i.p. to rabbits 30 minutes before 2 microcuries of I¹³¹ (as NaI): the first 3 substances increased, the last 2 decreased thyroid storage of active I; presumed via hypothalamic mediation. Diagram, 2 tables; 16 Soviet, 1 Western ref.

1/1

BULGARIA

PETKOV, V., SHUMKOV, G., and KUSHEV, V., Chair of Pharmacology (Head Prof. V. Petkov) and Chair of Pathology (Head Prof. Iv. Goranov), ISUL

"Effect of Some Psychopharmacological Agents on the Incorporation of ^{35}S -Methionine in the Cytoplasm"

Sofia, Suvremenno Meditsina, Vol 17, No 6, 1966, pp 461-470

Abstract: By applying histoautoradiography, the effect of psychopharmacological agents on the incorporation of ^{35}S -methionine into cytoplasm was studied in experiments on rats and mice. It was established that the psychoanaleptic methylphenidate increased, while the neuroleptic chloropromazine reduced the incorporation of ^{35}S -methionine into the cytoplasm of the cells of the brain and liver. Centrophenoxin reduced incorporation of ^{35}S -methionine into the cytoplasm of liver cells. Serotonin reduced incorporation of ^{35}S -methionine into liver cells while increasing incorporation into renal convoluted tubules. Methisergid, which has antiserotonin activity, increased incorporation of ^{35}S -methionine into all organs investigated (liver, spleen, and kidneys), while psilocibin, which also exhibits antiserotonin activity, increased incorporation into liver cells only. Combined administration of serotonin and methisergid or psilocibin disclosed a distinct antagonistic effect of the two types of substances on the incorporation of ^{35}S -methionine. The results indicated that psychopharmacological agents exert an effect on protein metabolism.

1/2

BULGARIA

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000927820013-9
PETKOV, V., et al, Sofia, Suvremenno Meditsina, Vol 17, No 6, 1966
pp 461-470

They can be related to the finding by A.V. Paladin et al. that excitation of the nervous system increases the rate of protein metabolism. Figures and tables 21 references (4 Bulgaria, 5 USSR, 12 Western). Russian and English summaries. Manuscripts received Mar 66.

2/2

Radiobiology

BULGARIA

PETKOV, V., and KUSHEV, V.; Department of Pharmacology at the Institute for the Specialization and Advanced Training of Physicians (ISUL); Department head Prof V. PETKOV

"Influence of Garlic on the Elimination of Au-198 and Its Accumulation in Some Organs."

Sofia, Rentgenologiya i Radiologiya, Vol 5, No 2, 1966, pp 89-93

Abstract [authors' Russian and English summaries, modified]: An experiment with 17 white mice (nine test animals and 8 controls) showed that garlic juice in peroral application causes a faster reduction of the total activity of the injected Au-198. In an experiment with 24 rats (12 test animals and 12 controls) on the fifth day after the injection of the gold, a statistically significance lower activity of the rats' spleens was found after treatment with garlic in comparison with the control group. These results permit the conclusion that garlic has an eliminating influence upon radioactive gold. The authors attempt to explain this action of garlic by its content of reactive sulfuric compounds and its activating influence upon the reticuloendothelium. One Bulgarian reference.

Manuscript received in Oct 65.

1/1

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000927820013-9

KUSHEV, V.G.

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